



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

NOTICE OF ACCEPTANCE (NOA)

American Buildings Company
1150 State Docks Road
Eufaula, AL 36027

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER- Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: "A3P24 " 0.024" (min.) Galvanized Steel Wall Panel

APPROVAL DOCUMENT: Drawing No. MD-A3PWall, titled " Architectural III Wall Panel ", sheets 1 through 3 of 3, prepared by Jeffrey C. Walsh, P.E., last revision #1 dated July 11, 2014, signed and sealed by Jeffrey C. Walsh, P.E. on July 11, 2014, bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and the expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each panel shall bear a permanent label with the manufacturer's name or logo, city, state and the following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises & renews NOA #08-0827.21 and consists of this page 1, evidence submitted pages E-1 & E-2 as well as approval document mentioned above.

The submitted documentation was reviewed by Helmy A. Makar, P.E., M.S.



Helmy A. Makar
08/07/2014

NOA No. 14-0220.05
Expiration Date: 02/19/2019
Approval Date: 08/07/2014
Page 1

American Buildings Company

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 03-0530.04

A. DRAWINGS

1. *Drawing No. A3P-Wall, titled " Architectural III Wall Panel Basic Erection ", sheets 1 through 3 of 3, prepared by Jeffrey C. Walsh, P.E., last revised on January 13, 2004, signed and sealed by Jeffrey C. Walsh, P.E. on January 14, 2004.*

B. TESTS

1. *Test report on: 1) Large Missile Impact Test; 2) Cyclic Wind Pressure, prepared by Hurricane Test Laboratory, Inc., Test Report No. 0207-1005-02, dated March 21, 2003, signed and sealed by Vinu J. Abraham, P.E.*
2. *Test report on: 1) Large Missile Impact Test; 2) Static Air Pressure Test; 3) Cyclic Wind Pressure, prepared by Hurricane Test Laboratory, Inc., Test Report No. 0207-0624-02, dated March 21, 2003, signed and sealed by Vinu J. Abraham, P.E.*

C. CALCULATIONS

1. *Calculations titled "Wall Panel Calculations", dated April 21, 2003, pages 1 through 7 of 7, prepared by Jeffrey C. Walsh, P.E., signed and sealed by Jeffrey C. Walsh, P.E. on April 21, 2003.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Building Code Compliance Office.*

E. MATERIAL CERTIFICATIONS

1. *Tensile Test Report No. 2HM-1001, prepared by QC Metallurgical, Inc., dated September 25, 2002, signed and sealed by Frank Grate, P.E.*

2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 08-0827.21

A. DRAWINGS

1. *None.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Building Code Compliance Office.*

E. MATERIAL CERTIFICATIONS

1. *None.*



Helmy A. Makar, P.E., M.S.
Product Control Unit Supervisor
NOA No. 14-0220.05
Expiration Date: 02/19/2019
Approval Date: 08/07/2014

American Buildings Company

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

3. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 03-0530.04

A. DRAWINGS

1. *Drawing No. MD-A3PWall, titled "Architectural III Wall Panel", sheets 1 through 3 of 3, prepared by Jeffrey C. Walsh, P.E., last revision #1 dated July 11, 2014, signed and sealed by Jeffrey C. Walsh, P.E. on July 11, 2014.*

B. TESTS

1. *Test report on: 1) Large Missile Impact Test; 2) Static Air Pressure Test; 3) Cyclic Wind Pressure, prepared by Farabaugh Engineering and Testing, Inc., Test Report No. T108-14, dated July 10, 2014, signed and sealed by Daniel G. Farabaugh, P.E.*

C. CALCULATIONS

1. *Calculations titled "Wall Panel Calculations", dated February 06, 2014, pages 1 through 8 of 8, prepared by Jeffrey C. Walsh, P.E., signed and sealed by Jeffrey C. Walsh, P.E. on February 06, 2014.*

D. QUALITY ASSURANCE

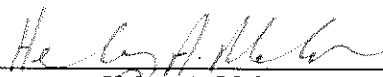
1. *By Miami-Dade County Department of Regulatory and Economic Resources (RER).*

E. MATERIAL CERTIFICATIONS

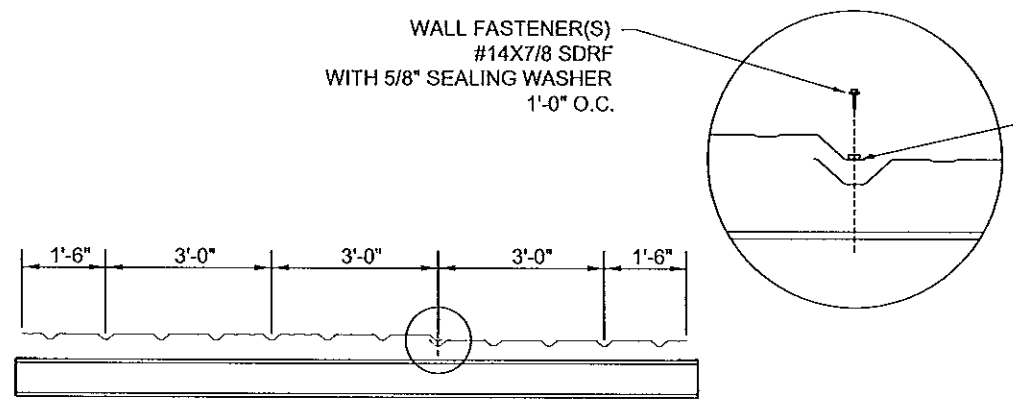
1. *Tensile Test Report No. T108-14, dated July 10, 2014, prepared by Farabaugh Engineering and Testing, Inc., signed and sealed by Daniel G. Farabaugh, P.E., on July 10, 2014.*

F. STATEMENTS

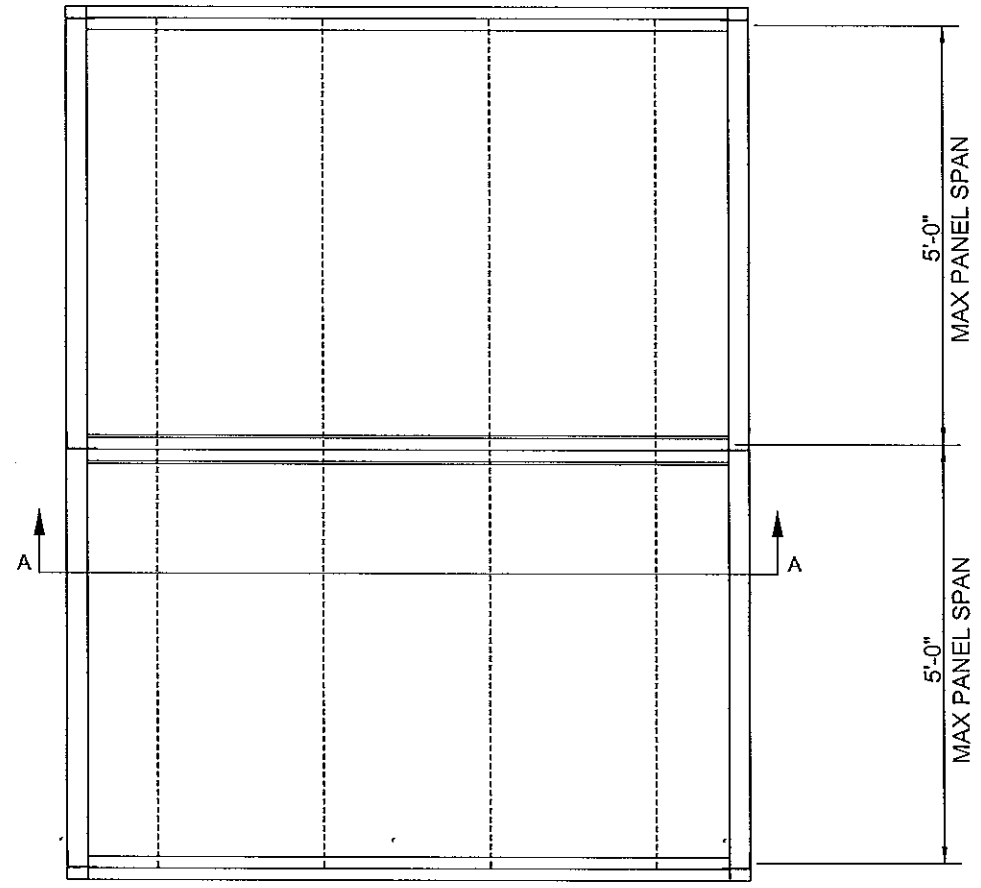
1. *Florida Building Code, 2010 Edition, compliance letter issued by American Buildings, dated February 06, 2014, signed and sealed by Jeffrey C. Walsh, P.E.*



Helmy A. Makar, P.E., M.S.
Product Control Unit Supervisor
NOA No. 14-0220.05
Expiration Date: 02/19/2019
Approval Date: 08/07/2014



SECTION A-A



TAPE MASTIC APPLIED TO EACH PANEL SIDELAP 1/2" TM

EACH PANEL AT THE EDGE OF THE WALL SHALL BE ATTACHED TO THE STEEL FRAME BY WALL FASTENER #12X1 1/4" SDRF WITH 5/8" SEALING WASHER 6" O.C. ALONG EXTERIOR SIDE OF PANEL

PANEL ENDS ATTACHED WITH WALL FASTENER #12X1 1/4" SDRF WITH 5/8" SEALING WASHER 1'-0" O.C. AT EACH MAJOR RIB

PANEL ATTACHED AT 5'-0" O.C. ATTACHED WITH WALL FASTENER #12X1 1/4" SDRF WITH 5/8" SEALING WASHER 1'-0" O.C. ALONG GIRT LINE

APPLY WALL FASTENERS TO EACH PANEL SIDELAP WITH #14X7/8 SDRF WITH 5/8" SEALING WASHER 1'-0" O.C.

TAPE MASTIC 1/2" TM

A3P INSIDE CLOSURE LOAI

1/2 MASTIC APPLIED AT PANEL SIDELAPS

TAPE MASTIC 1/2" TM

A3P INSIDE CLOSURE LOAI

Jeffrey C. Walsh
7/11/14

ENGINEERS HAVE:	NO.	REVISIONS	MADE	CK'D	DATE	SCALE:	NONE	DATE
JEFFREY C. WALSH	1	REVISED WALL FASTENERS PER REVIEW	THG	JCW	7.11.14	DRAWN BY:	THG	10-16-13
ENGINEERS STATE REGISTRATION NO.:						CHK'D BY:	JCW	10-16-13
41467								

LAB TEST SETUP
ARCHITECTURAL III WALL

EUFULA ALABAMA

AMERICAN BUILDINGS

DRAWING NUMBER: MD-A3PWALL

PAGE 1 of 3

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 14-0220.05
Expiration Date 02/19/2019
By *Heather Miller*
Miami Data Product Control

WALL FASTENERS

DESCRIPTION
#12X1 1/4
SELF DRILLING CARBON STEEL HEX HEAD
FASTENER WITHOUT WASHER
MARK NO. #12X1 1/4 SDRH

APPLICATION
CLIPS AT OVERHEAD DOORS,
WALK DOORS, ETC.

DESCRIPTION
#12X1 1/4
SELF DRILLING COLOR MATCHING HEX HEAD
FASTENER WITH 5/8" SEALING WASHER
MARK NO. #12X1 1/4 SDRF

APPLICATION
SHEET TO STRUCTURAL CONNECTIONS
(BASE & GABLE ANGLE, G RITS, EAVE
STRUTS, ETC.)

DESCRIPTION
#14X7/8
SELF DRILLING COLOR MATCHING HEX HEAD
FASTENER WITH 5/8" SEALING WASHER
MARK NO. #14X7/8 SDRF

APPLICATION
PANEL SIDELAP CONNECTIONS, FLASHING TO
PANEL CONNECTIONS AND OTHER SHEET TO
SHEET CONNECTIONS

NOTE: ALL HEX HEAD SIZES SHALL REQUIRE A 5/16" HEX SOCKET UNLESS NOTED.

BASIC PARTS AND PIECES
ARCHITECTURAL III WALLS

WC61
AC-MD

ARCHITECTURAL III WALL PANEL

DETAIL "A"

DETAIL "B"

OVERLAPPING RIB
(THIS RIB OVERLAPS
PRECEEDING PANEL)

OUTSIDE

BEARING RIB
(BEARING LEG GIVES
SUPPORT TO SIDELAP)

DETAIL "A"

SIDELAP DETAIL

DETAIL "B"

ERECTON OF THE ARCHITECTURAL PANEL REQUIRES THAT THE PROPER DIRECTION OF ITS APPLICATION
BE MADE. THE DESIGN OF THE PANEL INCORPORATES A BEARING LEG INTO ITS LEADING EDGE
WHICH PROVIDES SUPPORT FOR PROPER NESTING OF THE OVERLAPPING RIB OF THE NEXT PANEL.
THE INSTALLATION OF THE PANELS (SHOWN AT LEFT) PROCEEDS FROM LEFT TO RIGHT. HOWEVER,
UNLESS FIELD CIRCUMSTANCES DICTATE OTHERWISE, INSTALLATION OF PANELS CAN PROCEED FROM
EITHER LEFT TO RIGHT OR RIGHT TO LEFT AS LONG AS THE OVERLAPPING RIB IS LAPPED OVER
THE BEARING RIB.

PANEL MARKING AND SIDELAP DETAILS
ARCHITECTURAL III WALLS

WC63
AC-MD

WALL FASTENER(S)
(TYP. SEE NOTE 2)
#14X7/8 SDRF
WITH 5/8" SEALING WASHER
1'-0" O.C.

WALL FASTENER(S)
(TYP. SEE NOTE 1)
#12X1 1/4 SDRF
WITH 5/8" SEALING WASHER
1'-0" O.C.

TAPE MASTIC
1/2 TH

ARCHITECTURAL III PANEL (TYP.)

SECONDARY FRAMING
MAX SPAN 5'-0" O.C.
16 GA. MIN.

DETAIL "A"

NOTE:
1. WALL FASTENER(S) #12X1 1/4 SDRF WITH 5/8" SEALING WASHER
REQUIRED AT SIDEWALL AND ENDWALL GIRTS, BASE ANGLE, EAVE
STRUT AND GABLE ANGLE.
2. WALL FASTENER(S) #14X7/8 SDRF WITH 5/8" SEALING WASHER
AS SHOWN REQD. ONLY AT PANEL SIDELAPS OR AT FLASHING
LAPS AND FLASHING TO PANEL CONNECTIONS.

FASTENER LAYOUT
ARCHITECTURAL III WALLS

WC05
AC-MD

PRIOR TO FASTENING, INSIDE CLOSURES ARE TO BE SANDWICHED BETWEEN THE STRUCTURAL
SUPPORT FRAME AND THE WALL PANEL. OUTSIDE CLOSURES ARE TO BE SANDWICHED BETWEEN
THE OUTSIDE CLOSURE FLASHING AND THE WALL PANEL.

APPROVED EAVE CONDITION

OUTSIDE CLOSURE
AOL

ARCHITECTURAL III PANEL (TYP.)

OUTSIDE CLOSURE INSTALLATION AT EAVE
ARCHITECTURAL III WALLS

EA37
AC-MD

UPPER PANEL

LOWER PANEL

WALL FASTENER(S)
#12X1 1/4 SDRF
WITH 5/8" SEALING WASHER
1'-0" O.C.

SECONDARY FRAMING
5'-0" MAX. SPAN
16 GA. MIN.

NOTE:
1/2" TAPE MASTIC IS APPLIED TO THE
INSIDE OF THE OVERLAPPING PANEL RIBS
PRIOR TO JOINING THE PANELS

WALL PANEL ENDLAP (AT GIRT)
ARCHITECTURAL III WALLS

WC06
AB-MD

ERECTON NOTES:

- ALL AREAS WHERE MASTIC IS TO BE APPLIED SHOULD BE WIPED CLEAN WITH A MILD
DETERGENT OR AN ALL PURPOSE CLEANER BEFORE MASTIC APPLICATION. THIS WILL
INSURE A GOOD SEALING SURFACE AND IMPROVE WEATHER TIGHTNESS.
- THE BLANKET INSULATION MANUFACTURER RECOMMENDS THAT DOUBLE SIDED TAPE
BE USED TO SECURE THE INSULATION TO THE EAVE. AMERICAN BUILDINGS COMPANY
IS NOT RESPONSIBLE FOR THE INSTALLATION OR ATTACHMENT OF THE INSULATION.
ADDITIONAL ATTACHMENTS (NOT BY A B C) MAY BE REQUIRED.
- ALL EXPOSED FASTENERS SHOULD PENETRATE THE SEALANT FOR THE MOST WEATHER
TIGHT CONNECTION IN WALL AREAS WHERE APPLICABLE.
- THE ARCHITECTURAL PANEL IS DESIGNED FOR WALL APPLICATIONS ONLY AND SHOULD
NEVER BE UTILIZED IN THE ROOF FOR PURPOSES OF PROVIDING A ROOF SYSTEM FOR
BUILDINGS. THE INVERTED RIBS INCORPORATED INTO ITS DESIGN PRODUCE SMOOTH
SHADOW LINES AND SEMI-CONCEALED FASTENERS. ALTHOUGH SHEETING CAN USUALLY
BEGIN FROM EITHER END OF THE BUILDING, APPLICATION OF THIS PANEL IS DIRECTIONAL.
PROPERLY INSTALLED, THE LAP EDGES OF THE ARCHITECTURAL PANEL HAVE MINIMUM
VISIBILITY.
- WHEN FIELD CUTTING PANELS OR TRIM DO NOT USE ABRASIVE SAWS OR OTHER CUTTING
METHODS WHICH PRODUCE HOT METAL PARTICLES OR BURN THE CUT EDGES. THESE
METHODS WILL DAMAGE THE PAINTED AND GALVALUME FINISH AND VOID ANY WARRANTIES.
USE DOUBLE CUT SHEARS, NIBBLERS OR OTHER CUTTING DEVICES WHICH DO NOT
PRODUCE HOT METAL PARTICLES OR BURNED EDGES.

ERECTON NOTES
ARCHITECTURAL III WALLS

WC91
AC-MD

THE MAXIMUM PANEL SPAN AND THE MAXIMUM DESIGN PRESSURE FOR THIS
WALL PANEL SHALL BE BASED ON THE FOLLOWING PANEL ALLOWABLES:

MAXIMUM ALLOWABLE BENDING MOMENT (AT SUPPORTS) = 156.3 ft-lbs.
MAXIMUM ALLOWABLE BENDING MOMENT (BETWEEN SUPPORTS) = 87.5 ft-lbs.
MAXIMUM ALLOWABLE PANEL REACTION (AT SUPPORTS) = 312.5 lbs/ft
PANEL'S EI VALUE (POSITIVE PRESSURE) = 1,221,000 lbs-in²
PANEL'S EI VALUE (NEGATIVE PRESSURE) = 1,351,000 lbs-in²
MAXIMUM ALLOWABLE PANEL DEFLECTION = L/240

NOTE:
THIS WALL PANEL IS APPROVED FOR SPANS OF UP TO 5'-0" MAXIMUM
ATTACHED TO 16 GA. (MIN.) SUPPORTS

APPROVED ALLOWABLES AND DESIGN NOTES
ARCHITECTURAL III WALLS

MP04
AC-MD

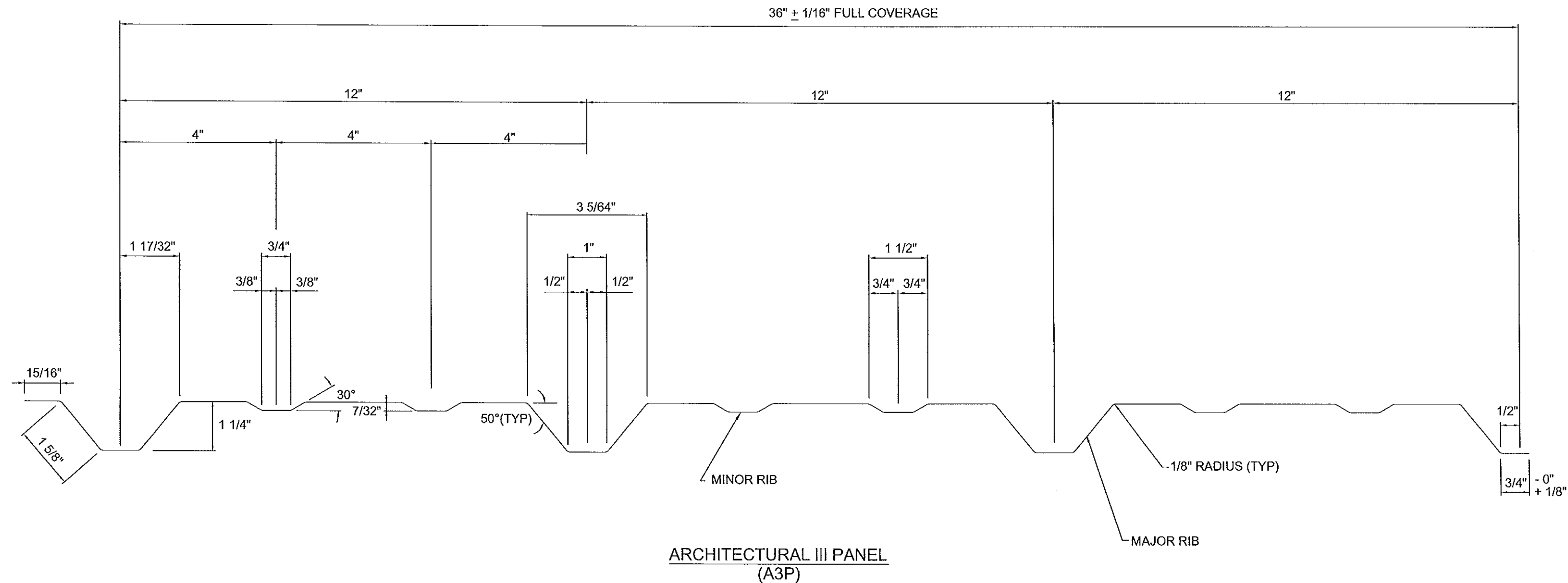
Jeffrey C. Walsh
7/11/14

ENGINEERS HAVE:	NO.	REVISIONS	MADE	CK'D	DATE	SCALE:	NONE	DATE
JEFFREY C. WALSH	1	REVISED WALL FASTENERS PER REVIEW	THG	JCW	7.11.14	DRAWN BY:	THG	10-16-13
ENGINEERS STATE REGISTRATION NO.:						CHK'D BY:	JCW	10-16-13
41467								

ARCHITECTURAL III WALL PANEL
BASIC ERECTION

EUFALA	AMERICAN BUILDINGS	ALABAMA
DRAWING NUMBER	MD-A3PWALL	PAGE 2 of 3

PRODUCT REVISED
as complying with the Florida
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Expiration Date 02/19/2019
By *Heidi A. Miller*
Miami Dade Product Control



GENERAL NOTES

1. ALL DIMENSIONS ARE ± 1/32" (U.N.) EXCEPT TOLERANCE DIMENSIONS.
2. ALL ANGLES ±2° (U.N.)
3. COIL WIDTH = 43".
4. MATERIAL = 24 GA. (0.022" MIN. THICKNESS AND 108,364 PSI MIN. YIELD)

Jeffrey C. Walsh
7/11/14

ENGINEER'S NAME:
JEFFREY C. WALSH
ENGINEER'S STATE REGISTRATION NO.:
41467

NO.	REVISIONS	MADE	CHK'D	DATE	SCALE:	NONE	DATE
1	REVISED MATERIAL REQUIREMENTS PER REVIEW	THG	JCW	7.11.14	DRAWN BY:	THG	10-16-13
					CHK'D BY:	JCW	10-16-13

ARCHITECTURAL III WALL PANEL
CROSS SECTION

EUFULA		ALABAMA
DRAWING NUMBER	MD-A3PWALL	PAGE 3 of 3

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